

User's Guide

www.edig.com

ALHOUETTE



e.Digital

Silhouette User's Guide

© 2002 e.Digital Corporation.

All rights reserved.

Under the copyright laws the documentation cannot be copied, photocopied, reproduced, translated, or reduced to any electronic medium or machine-readable form, in whole or in part, without the prior expressed written consent of e.Digital Corporation.

Silhouette is a trademark of e.Digital Corporation.

Microsoft Windows and Windows Media are trademarks or registered trademarks of the Microsoft Corporation.

WOW technology is incorporated under license from SRS Labs, Inc.

All contents of the music CD included with this product are used with the permission of their copyright owners. It is unlawful to copy or distribute this information in any way without the express written consent of the copyright owners.

All other products, services, and company names are the property of their respective owners.

Part Number 11-610215

Table of Contents

CHAPTER 1:	INTRODUCTION	1
	Usage Roadmap	2
	Document Conventions	2
	Button Presses	3
 CHAPTER 2:	 PLAYER OVERVIEW	 5
	Accessories Included with your Silhouette	6
	Features and Controls Overview	7
	Control Panel	8
	Remote Control	9
	Battery Installation & Recharging	11
	Remove Batteries	12
	Extra Battery Pack (Optional)	12
	Power Silhouette On and Off	13
	LCD Information	14
	Mode	14
	Track	14

Track Time	15
Repeat Option	15
Equalizer Options	16
Hold Icons	17
Equalizer Display	17
Battery / Adaptor Icon	17
Playback Bar	18
File Format	18
Track Info	18
Change LCD	18
Play Music Tracks	19
Button Functions	19
A-B Replay Segment	20
Bookmarks	21
Bookmark During Playback	21
Bookmark in Navigation Menu	22
Remove All Bookmarks	23
Bookmark Mode	23

CHAPTER 3: MENU FUNCTIONS25

Menu Overview	25
Navigation Menu	27
Directory	27
Sort	28
Bookmark	28
Display Options Menu	29
File / Tag	29
Time	30
Scroll	30
System Options Menu	31
ESP	31
Backlight	32
Rew/Fwd	33
Beep	34
Study	35

Resume	36
My Sound Menu	36
WOW	37
User EQ	38
CHAPTER 4: TROUBLESHOOTING & SPECIFICATIONS	39
Safety Precautions	39
Player Issues	40
Sound Problems	41
Technical Specifications	42
Limited Warranty	43
Obtaining Warranty Service	44
Update Firmware	45
Approvals	47
FCC	47
Industry Canada	48
CE	48
INDEX	49

Chapter 1: Introduction

Welcome to the world of personal music players and the digital lifestyle. Using the latest technological advances in both hardware and software, the Silhouette can play Audio CDs or CDs containing MP3 or WMA files you download from the Internet or rip from your personal audio CDs.

Organizing your music is made simple with the Silhouette. It supports and reads up to 650 files or folders. This means every CD you burn can be organized by category, genre, album, etc.

USAGE ROADMAP

This document includes detailed information about how to use your Silhouette. Listed below is a summary of the required steps.



1. Rip music or download from Internet



2. Burn music files to CD



3. Play CD of MP3 or WMA or regular audio CD

1. RIP

- Use your favorite CD ripping software to create digital files from your audio CDs.
- Or, download music files from the Internet.

2. BURN

- Use your favorite CD burning software to create CDs used in the Silhouette.

3. PLAY

- Install and charge provided batteries.
- Insert a regular audio CD or custom burned music CD.
- Play tracks
- Create bookmarks

DOCUMENT CONVENTIONS

This document uses conventions and terminology described below.



A note symbol indicates a useful tip.



A caution symbol indicates important information to prevent damage to your player or avoid inconvenient situations.

Bold A word or phrase in bold indicates a menu or button selection on the player. For example: Click the **OK** button.

Italics A phrase in italics typically indicates a cross-reference to a section in the User's Guide. In the PDF version of the documentation you can click on the phrase to jump to the content.

> This character is used to describe menu /submenu selections. For example, select the **System > Backlight** menu.

Button Presses

Some of the Silhouette buttons perform different functions depending on how long the button is pressed before it is released. These buttons are labeled with two phrases separated by a slash, for example, the WOW / EQ button.

This document makes this distinction by using the following phrases:

Press Instructions that say “press” the button, signify you press and immediately release the button; it is a short press.

Press & hold Instructions that say “press and hold” the button signify that you press and momentarily hold the button before releasing it; it is a long press for about one second.

Chapter 2: Player Overview

This chapter describes the following topics:

- *Accessories Included with your Silhouette on page 6.*
- *Features and Controls Overview on page 7.*
- *Battery Installation & Recharging on page 11.*
- *How to Power Silhouette On and Off on page 13.*
- *LCD Information on page 14.*
- *How to Play Music Tracks on page 19.*
- *How to use Bookmarks on page 21.*

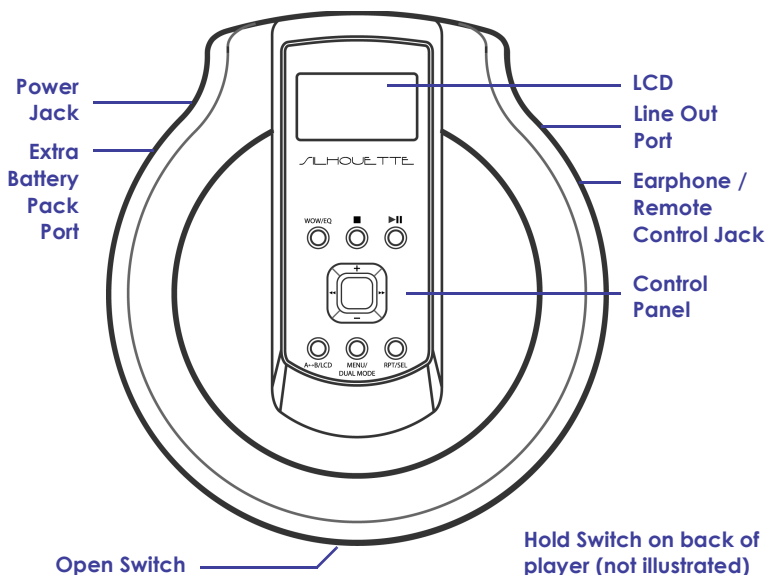
ACCESSORIES INCLUDED WITH YOUR SILHOUETTE

When you unpack your player you will find the following items:

- Silhouette Player
- User's Guide
- Wired Remote Control
- Two stick-type 1400 mAh, NiMH 1.2V rechargeable batteries
- AC Power Adaptor DC4.5V 700mA
- Carrying Pouch
- Compact stereo earphones
- CD with sample music tracks
- External Battery Pack (optional) supplies additional power via two AA batteries when battery recharging is not possible.
- Wired Remote Control with LCD (optional)

FEATURES AND CONTROLS OVERVIEW

The Silhouette has ports and jacks on the sides of the player to connect to external power, earphones, remote control and external speakers. The open switch at the bottom of the player opens the lid so you can insert your CD or get access to the internal battery compartment.

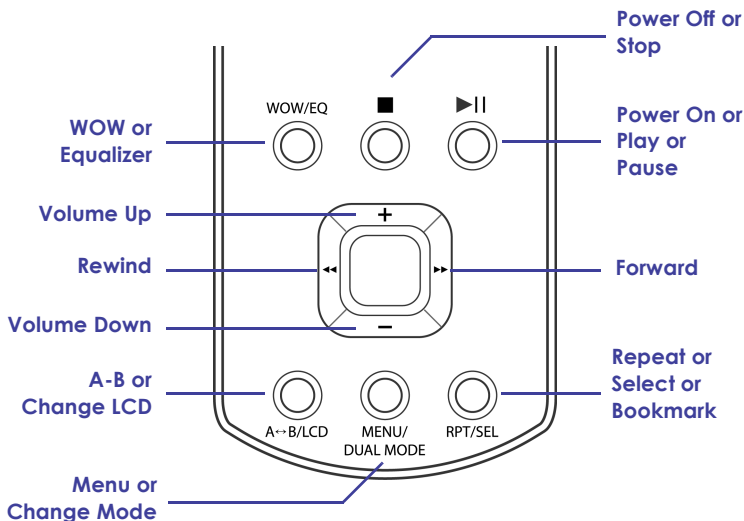


You can use the Hold Switch on the back of the player to protect against accidental button pushes.

Buttons on the Control Panel used to operate the Silhouette are illustrated on the next page and described in sections that follow.

Control Panel

Buttons on the Control Panel perform a variety of functions. Buttons labeled with two phrases separated by a slash indicate the button performs one of two functions depending on how long you hold the button.



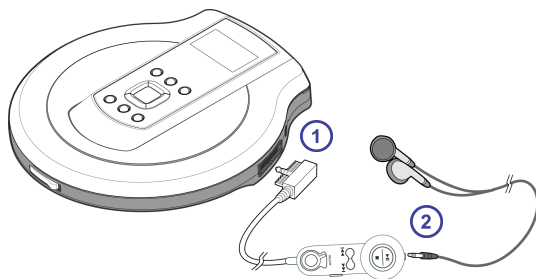
The first phrase is activated when you press and hold the button for about one second before you release it; this is a long press. The second phrase is activated when you press and immediately release the button; this is a short press.

This functionality is described in more detail in step by step instructions for each feature.

Remote Control

The Silhouette includes a standard, wired remote control, or you can purchase an *Optional Remote Control with LCD*. To attach the remote control:

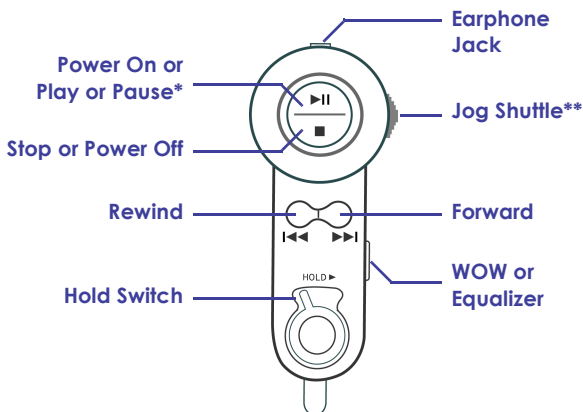
1. Insert the remote control connector into the player's earphone jack.



2. Next insert the earphone connector into the remote control's earphone jack.

STANDARD REMOTE CONTROL

The standard remote control can be used instead of the player's Control Panel to access Silhouette features.



* Or hold ►|| to change LCD when stopped.

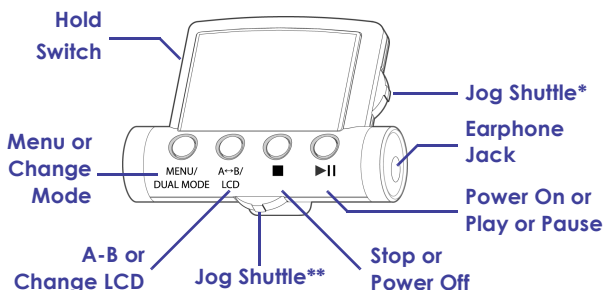
** The Jog Shuttle has three functions:

- + Scroll up to increase Volume.
- Scroll down to decrease Volume.

REP/SEL Press to Repeat, Select or Bookmark.

OPTIONAL REMOTE CONTROL WITH LCD

The optional remote control can be used in place of the player's Control Panel to access Silhouette features.



* The vertical Jog Shuttle has three functions:

- + Scroll up to increase Volume.
- Scroll down to decrease Volume.

REP/SEL Press to Repeat, Select or Bookmark.

** The horizontal Jog Shuttle has three functions:

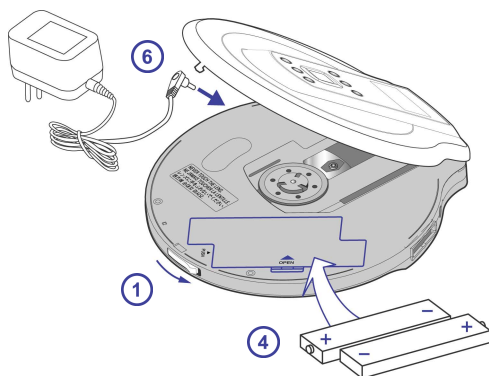
- ◀◀ Scroll left for Rewind.
- ▶▶ Scroll right for Fast Forward.

WOW/EQ Press to select WOW or User EQ.

BATTERY INSTALLATION & RECHARGING

The two stick-type batteries included with your Silhouette will last for up to 10 hours of play. However, when you first receive your player, you must insert the batteries and charge them.

1. Slide the open switch and lift the cover.
2. If a CD or the cardboard shipping insert is in the player, remove it.
3. Lift the battery cover.



Always use the two stick-type 1400 mAh, NiMH 1.2V rechargeable batteries to prevent damage to the unit.

4. Insert the batteries with the + and - ends as illustrated and close the battery cover.
5. Connect the Power Adaptor to the player and a power source.

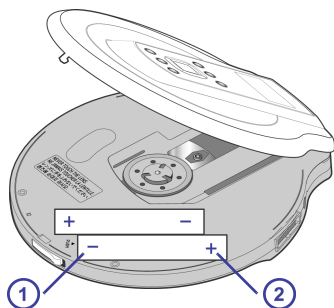
As the batteries charge, the adaptor icon on the LCD blinks until fully charged. It takes approximately 4 hours to fully recharge when the player is not in use. It takes longer to recharge if the player is in use.

Remove Batteries

When the player is not in use for an extended period of time, remove the batteries from the player.

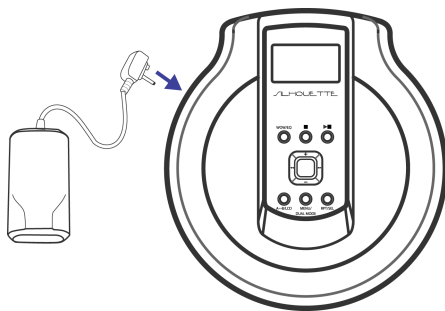
The stick-type batteries fit snugly in the battery compartment inside the player. To remove the batteries:

1. Press the negative end of the lower battery.
2. The other end of the battery will pop up; grasp it and remove it.
3. Reach beneath the remaining battery and remove it.



Extra Battery Pack (Optional)

When the rechargeable battery power is depleted and a wall outlet is not available for recharging, you can use an optional, external battery pack to supply power to the Silhouette.



The battery pack uses two AA alkaline batteries that provide additional power for up to 12 hours. To attach the battery pack:

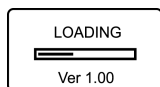
1. Insert two AA batteries into the pack
2. Insert the cable into the port.



When the battery pack is attached, this does not recharge the rechargeable batteries.

POWER SILHOUETTE ON AND OFF

POWER ON



To turn on the player, press the ►|| button. The CD starts spinning and you will see an animated display while the player reads track information and music into memory.

The load duration depends upon the number of directories and music files on the CD, the type of CD and the software used to create tracks on the CD.

The Silhouette remembers playback options for 12 recently played CDs. It remembers the last track played, bookmarks, play mode (A or B) and the repeat option of the CD the last time you played it.

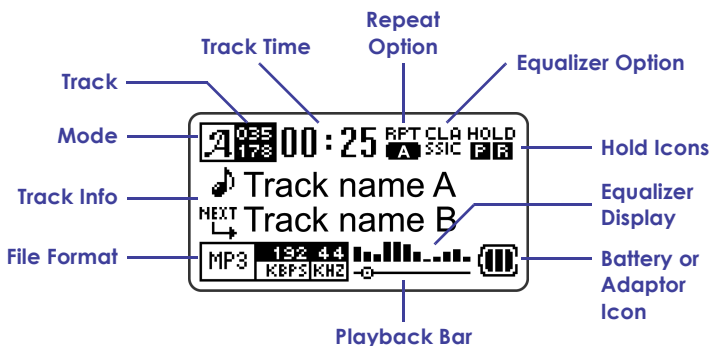
POWER OFF

To shut off your Silhouette press and hold the ■ button.

Or, when the player is stopped, it automatically shuts off after 30 seconds of inactivity.

LCD INFORMATION

When you press the ►|| button the Silhouette powers on and displays information on the LCD as described below.



You can change the information displayed by using the A-B / LCD button, for more information see *Change LCD on page 18*.

Mode

A mode indicates the player will play **All** songs on the CD based on the selected *Repeat Option*.

B mode indicates the player will only play **Book**-marked songs based on the selected *Repeat Option*.

To switch between A and B mode, press and hold the **Menu/Dual Mode** button.

Track

In A mode, the top number indicates the current track and the bottom number indicates the total number of tracks on the CD.

In B mode, the top number indicates the current bookmark and the bottom number indicates the total number of bookmarks on the CD.

Track Time

Track time is the elapsed time for the current track. Or, you can use the **Display > Time** menu to change the setting and show the remaining time for the current track.

For more information about changing the track time, see *Display Options Menu on page 29*.

Repeat Option

Indicates one of seven repeat options for playing tracks. Press the **RPT** button to choose one of the following options:

When nothing is displayed in this area, it indicates a Normal repeat option which plays all tracks, sequentially from the start to the end of each track and stops when the last track is played.

RPT
1 Repeat One continuously plays the current track.

RPT
D Repeat Directory plays all tracks within the directory of the current track. Note, this option operates in A Mode only.

RPT
A Repeat All plays all CD tracks continuously. That is, after playing the last track, it cycles back to the first track. In B Mode, all bookmarked songs are repeated.

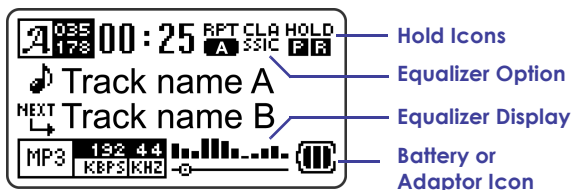
RND
D Random Directory plays every track in a directory in random order and then stops. Note, this option operates in A Mode only.

RND
A In A Mode, the Random All option plays each CD track randomly and then stops. In B Mode all bookmarked tracks are played randomly.

INT Introduction plays the first 10 seconds of each track. If you press ►|| after two seconds of playback, introduction is cancelled and the Silhouette continues playing to the end of the track.

Equalizer Options

The Silhouette includes eight equalizer options to select bass and treble presets, create an adjustable user setting or select and adjust WOW enhancements.



The first three options are grouped together as WOW mode and the last five options are grouped as Preset Mode.

To toggle between the two modes, press and hold the **WOW / EQ** button.

To select an option within a mode, press the **WOW / EQ** button until the LCD shows the setting you want.

WOW EQUALIZER MODE

The first mode includes SRS Labs WOW audio technology, which greatly enriches the sound quality of digital audio tracks and playback on smaller speakers or headphones.

TB TruBass enhances performance of lower bass frequencies to produce a deep, rich bass listening experience.

SRS SRS enhances audio to provide a three-dimensional listening experience.

**SRS
TB** When SRS and TruBass are shown on the LCD, this indicates the full WOW effect is enabled and includes both audio enhancements.

Note, you can customize the TB and SRS levels by using the **My Sound > WOW** menu; for more information, see *WOW* on page 37.

PRESET EQUALIZER MODE

The second mode includes the Preset equalizer options. To toggle to this mode press and hold the **WOW / EQ** button. To select an option within this mode, press the **WOW / EQ** button.

NOR MAL

Normal is an equal balance of bass and treble.

CLA SSIC

Suitable for **Classical** music.

RO CK

Suitable for **Rock** music.

JA ZZ

Suitable for **Jazz** music.

USER EQ

User Equalizer option uses customized settings specified in the **My Sound > User EQ** menu; for more information, see *User EQ* on page 38.

Hold Icons

Hold icon(s) display when the Hold Switch is engaged and locks the functions from accidental buttons pushes.

As illustrated above, when the player hold switch (on the back of the player) is used, **P** appears on the display; when the remote control is used to hold, **R** appears on the LCD.

Equalizer Display

Shows an animated display of the equalizer levels. You can press and hold the **A-B / LCD** button, to change the appearance.

Battery / Adaptor Icon

A Battery icon indicates the player is powered by the internal rechargeable batteries that will last for up to 10 hours. As the power depletes, the number of solid bars reduces.

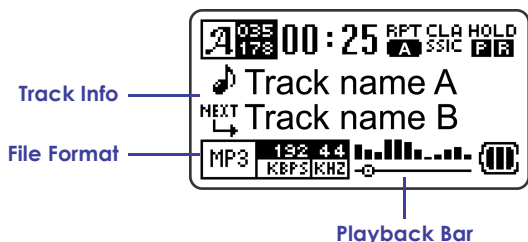


When the power adaptor is attached to the player, a plug icon displays on the LCD.

For information about charging the battery, see *page 11*.

Playback Bar

Shows a visual representation of the track time and location within the current song. The line represents the total time and the slider moves to show the current location.



File Format

Displays the track format, for example, MP3, WMA or CD and encoding information.

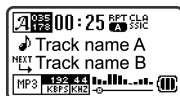
Track Info

Shows the current track being played and the next track to be played. You can change the displayed content when you press and hold the **A-B / LCD** button.

Change LCD

You can change the appearance of the LCD to alternative views of the track information. To do this, you press and hold the **A-B / LCD** button.

Each time you release the button, you cycle through one of the three views.



CURRENT & NEXT TRACK VIEW

Initially, the LCD shows the Current Track and the Next Track.

FOLDER & CURRENT TRACK VIEW

CURRENT TRACK & EQUALIZER VIEW

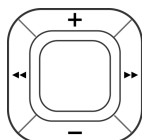
If you are listening to an Audio CD, only the track number will appear.

Another view shows the Current Track and the Folder it is located in.

The third view displays the Current Track and a larger Equalizer animation.



PLAY MUSIC TRACKS



To play music on your Silhouette, use the large pivoting button on the control panel to navigate and select a track to play. Note if you do not press any buttons while the player is stopped, the player will shut off automatically after thirty seconds.

Once you press ►|| to start playback, the LCD shows information like this.



Button Functions

While the track is playing, the buttons on the control panel have the following features:

- || Press to play or pause playback.
- Press to stop playback.
- Press go to the next track.
- ◄◄ Press go to the beginning of the current track. Or, press twice to move to the previous track.
- When the menu option is set to System>Rew/Fwd>**Search**: Hold this button to fast forward the current track and release when you reach the track time you want.

When the menu option is set to
System>Rew/Fwd> **10Key**:



Hold this button to jump ahead 10 tracks.



Hold this button to rewind the current track and release when you reach the track time you want.

When the menu option is set to
System>Rew/Fwd> **10Key**:



Hold this button to jump back 10 tracks.



Press the plus or minus buttons to increase or decrease the volume between 0 and 40.

A-B Replay Segment

While playing a track, you can mark a segment to replay multiple times. This feature can be useful when listening to a foreign language CD or to replay your favorite part of a track.



1. As you listen to a track press the **A-B/LCD** button to *mark the start* of the segment. Note the LCD shows a flashing icon with the letter **A**.

2. The Silhouette continues playing.



3. Press the **A-B/LCD** button again to *mark the end* of the segment. Note the LCD shows a flashing icon with the letters **A** and **B**.

4. The Silhouette begins to replay the segment you marked from the start timestamp to the end timestamp. It continues to replay this segment until you stop the replay (described in the next step).

5. Once you have replayed the marked segment as often as you wish, press the **A-B/LCD** button to stop the replay and return to normal operation.

Another similar feature is the **System > Study** menu. For more information see *Study* on page 35.

BOOKMARKS

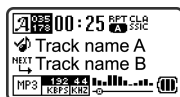
Bookmarking is a way to distinguish your favorite tracks so you can isolate and play them back as a group. You can bookmark up to 200 tracks on one CD and the Silhouette remembers them for 12 recently played CDs.

There are two ways to create and remove a bookmark:

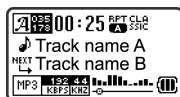
- During playback or
- by using the Navigation menu.

Bookmark During Playback

To bookmark a track while you play it, press and hold the **RPT/SEL** button and a checkmark appears on the LCD.



Note you cannot bookmark a directory (folder) during playback, however, you can use the Menu feature to do so. For more information, see the next section *Bookmark in Navigation Menu*.



To remove a bookmark from a track while you are playing it, press and hold the **RPT/SEL** button. You will notice the checkmark no longer appears on the LCD.

Note you can quickly delete all bookmarks by using the Menu feature. For more information, see *Remove All Bookmarks* on page 23.

Bookmark in Navigation Menu

You can also add and remove bookmarks in any of the three Navigation submenus. For example, to bookmark a track or entire directory from the Directory submenu, press the **Menu** button.

1. Press the ►► button to select the **Navigation** menu.
2. Press the ►► button to display the list of directories.
3. Use the + and - buttons to highlight the desired directory, for example, Album C.

DIRECTORY

To bookmark a directory (folder), press the **RPT/SEL** button and a checkmark displays.

[Menu]	1 / 4
1. Navigation	◀ ▶
2. Display	◀ ▶
3. System	◀ ▶

[Navigation]	1 / 3
1. Directory	012
2. Sort(A-Z)	174
3. Bookmark	035

Album A	015
Album B	009
Album C	012
Album D	007

To remove a directory bookmark, press the **RPT/SEL** button and the checkmark no longer displays.

TRACK

To bookmark individual tracks within a directory, highlight the directory and press the ►► button.

From the track list, highlight the desired track, for example, Track Name d. To bookmark the track, press the **RPT/SEL** button and a checkmark displays.

Album A	015
Album B	009
Album C	012
Album D	007

Track Name a	
Track Name b	
Track Name c	
Track Name d	

To remove a bookmarked track, press the **RPT/SEL** button and a checkmark no longer appears.

Remove All Bookmarks

To quickly remove all bookmarks while in any navigation submenu, press the **Menu** button.

1. Press the ►► button to select the **Navigation** menu.
2. Press the ►► button to select **1. Directory**. (Or select you can select submenu 2 or 3 also).

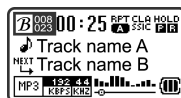


3. Press and hold the **RPT/SEL** button.
4. A message appears on the LCD, use the ►► button to highlight **Yes** and press the **RPT/SEL** button.
5. All bookmarks are removed. Note, to cancel the removal, select **No**.

Bookmark Mode

To playback only bookmarked tracks, change the mode: press and hold the **Menu / Dual Mode** button and the LCD

shows the letter B. To switch back to A (all) mode, press and hold the **Menu / Dual Mode** button again.



Chapter 3: Menu Functions

This chapter describes the following topics:

- *Menu Overview*
- *Navigation Menu on page 27*
- *Display Options Menu on page 29*
- *System Options Menu on page 31*
- *My Sound Menu on page 36*

MENU OVERVIEW

You can use the Silhouette Menu feature to navigate directories (folders) and tracks on the CD, change display options, change system options and customize sound to your preference.

You access the menus by pressing the **Menu** button. Note, at anytime during selection, you can press the **Menu** button to cancel menu mode. Or, you can press the ◀◀ button to return to the previous menu.

The following table summarizes the menu selections; pages that follow describe in detail how to use each option. Note, in the table, the asterisk (*) denotes the factory default setting.

MENU	SUBMENU	AVAILABLE SELECTIONS	
Navigation page 27	<i>Directory</i>	List of directories.	
	<i>Sort</i>	List of all tracks.	
	<i>Bookmark</i>	List of all bookmarked tracks.	
Display page 29	<i>File / Tag</i>	* File	Tag
	<i>Time</i>	* Normal	Remain
	<i>Scroll</i>	X1 X2 * X4	
System page 31	<i>ESP</i>	* 192 Seconds 48 Seconds Off	
	<i>Backlight</i>	Off 5 Seconds 10 Seconds * On	
	<i>Rew/Fwd</i>	* Search 10 Key	
	<i>Beep</i>	Level 1-5 * Level 3	
	<i>Study</i>	* Off 3 Seconds 5 Seconds	
	<i>Resume</i>	* Beginning Last Point	
	<i>WOW</i>	SRS TruBass	Level 1-10; 7 is the factory default for both
	<i>User EQ</i>	60Hz 250Hz 1KHz 8KHz 12KHz	0 factory default for all bands

NAVIGATION MENU

The Silhouette provides three methods to select a track for playback. You can navigate by:

Directory - an alphabetical listing of all directories on the CD.

Sort - an alphabetical listing of all CD tracks.

Bookmark - an alphabetical listing of all bookmarked tracks.

Note, at anytime during selection, you can press the **Menu** button to cancel menu mode. Or, you can press the ◀◀ button to return to the previous menu.

Directory

The Silhouette can recognize a CD containing up to 650 directories and files. To select a track from a Directory press the **Menu** button.

[Menu]	1 / 4
1. Navigation	◂
2. Display	◂
3. System	◂

[Navigation]	1 / 3
1. Directory	012
2. Sort(A-Z)	174
3. Bookmark	035

Album A	015
Album B	009
Album C	012
Album D	007

Track Name a	
Track Name b	
Track Name c	
Track Name d	

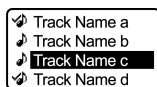
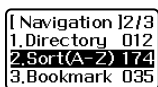
1. Press the ►► button to select the **Navigation** menu.
2. Press ►► to display the list of directories.
3. Use the + and - buttons to highlight the desired directory, for example, Album D and press the ►► button.

If the directory contains sub-folders, use the + and - buttons to highlight the desired sub-folders and press the ►► button.

4. From the track list, highlight the desired track, for example, Track Name c.
5. Once highlighted, press the ►|| button to select and play the track.

Sort

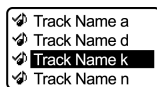
To select a track from an alphabetical listing of all bookmarked tracks press the **Menu** button.



1. Press ►► to select the **Navigation** menu.
2. Press the - button to highlight **2. Sort (A-Z)**.
3. Press ►► to display the list of tracks.
4. From the track list, highlight the desired track, for example, **Track Name c**.
5. Once highlighted, press the ►|| button to select and play the track.

Bookmark

You can bookmark up to 200 tracks on a CD. To select a track from an alphabetical listing of all bookmarks press the **Menu** button. Note for information about creating bookmarks, see *Bookmarks on page 21*.



1. Press ►► to select the **Navigation** menu.
2. Press the - button to highlight **3. Bookmark**.
3. Press ►► to display the list of bookmarked tracks.
4. From the track list, highlight the desired track, for example, **Track Name k**.
5. Once highlighted, press the ►|| button to select and play the track.

DISPLAY OPTIONS MENU

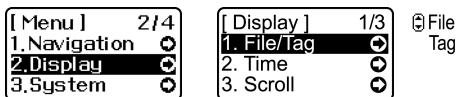
The Silhouette **Display** menu provides options to customize which information is shown on the LCD.

- *File / Tag* specifies the track information to be displayed.
- *Time* specifies the display of track time as elapsed or remaining.
- When you play a track, the File / Tag information is animated on the LCD. The *Scroll* option specifies the speed of this animation.

Note, at anytime during selection, you can press the **Menu** button to cancel menu mode. Or, you can press the ◀◀ button to return to the previous menu.

File / Tag

To specify the track information to be displayed on the LCD during playback, press the **Menu** button.



1. Press the - button to highlight **2. Display** and press ►► to select it.
2. Press the ►► button to select **1. File/Tag**.
3. Use the + and - buttons to display the desired option:

FILE Displays the file name of the track.

TAG Displays embedded artist and title information from the ID3 Tag of a ripped track.

4. Once the option is displayed, press the **RPT/SEL** button to select it and return to the previous menu.

Time

To change which track time is displayed on the LCD during playback, press the **Menu** button.



1. Press the **-** button to highlight **2. Display** and press **▶▶** to select it.
2. Press the **-** button to highlight **2. Time** and press **▶▶** to select it.
3. Use the **+** and **-** buttons to display the desired option:

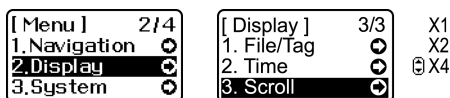
NORMAL Displays elapsed track time from 00:00 and ends with total track time.

REMAIN Displays remaining track time from the total track time and ends at 00:00.

4. Once the option is displayed, press the **RPT/SEL** button to select it and return to the previous menu.

Scroll

To specify the animated scroll speed of the track information on the LCD press the **Menu** button.



1. Press the **-** button to highlight **2. Display** and press **▶▶** to select it.
2. Press the **-** button to highlight **3. Scroll** and press **▶▶** to select it.

3. Use the **+** and **-** buttons to display the desired option.
4. Once the option is displayed, press the **RPT/SEL** button to select it and return to the previous menu.

SYSTEM OPTIONS MENU

By using the Silhouette **Systems** menu, you can customize player features:

- *ESP*, Electronic Shock Protection reduces skipping.
- *Backlight* illuminates the display.
- *Rew/Fwd* changes how these buttons function when held down.
- *Beep* provides feedback with an audible tone indicating a button was pressed.
- *Study* enables replay for 3-5 seconds.
- *Resume* specifies where playback is to start when first powered on.

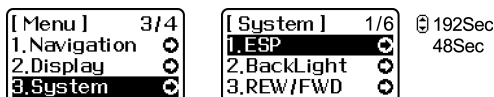
Note, at anytime during selection, you can press the **Menu** button to cancel menu mode. Or, you can press the **◀◀** button to return to the previous menu.

ESP

ESP is Electronic Shock Protection or, an anti-shock feature that helps prevent skipping when you are listening to your player. This is accomplished by reading the CD and storing up to 960 seconds of music into the player's internal memory.

ESP is automatically set to 480 seconds for MP3 tracks and 960 seconds for WMA tracks. Therefore, the System > ESP menu is not required for those media types.

However, the **System ESP** menu is used to specify the number of seconds for **regular audio CDs**. To specify ESP press the **Menu** button.

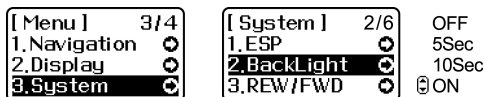


1. Press the **-** button to highlight **3. System** and press **▶▶** to select it.
2. Press the **▶▶** button to select **1. ESP**.
3. Use the **+** and **-** buttons to display the desired option.
4. Once the option is displayed, press the **RPT/SEL** button to select it and return to the previous menu.

Backlight

When a button is pressed, backlight illuminates the LCD which makes it easier to read the display during low light situations. Backlighting then automatically turns off after the specified number of seconds.

To change the backlight option press the **Menu** button.



1. Press the **-** button to highlight **3. System** and press **▶▶** to select it.
2. Press the **-** button to highlight **2. Backlight** and press **▶▶** to select it.

3. Use the **+** and **-** buttons to display the desired option.

OFF Backlight is always off.

5SEC Backlight remains on for 5 seconds after a button is pressed.

10SEC Backlight remains on for 10 seconds after a button is pressed.

ON Backlight is always on. Note, this will consume battery power more quickly.

4. Once the option is displayed, press the **RPT/SEL** button to select it and return to the previous menu.

Rew/Fwd

As described in *Button Presses on page 3* and *Play Music Tracks on page 19*, the **◀◀** and **▶▶** buttons function differently depending on how long you press the button before you release it.

For example, during playback, a short press and immediate release of the **▶▶** button goes to the next track.

However if you press and momentarily hold the button before releasing it, the player functions differently. For example, by default, when you press and hold the **▶▶** button during playback, the player will fast forward within the current track.

You can change this longer press functionality. First press option press the **Menu** button.

[Menu]	3/4
1. Navigation	⊗
2. Display	⊗
3. System	⊗

[System]	3/6
1. ESP	⊗
2. BackLight	⊗
3. REW/FWD	⊗

10 Key
⊗ Search

1. Press the **-** button to highlight **3. System** and press **▶▶** to select it.
2. Press the **-** button to highlight **3. REW/FWD** and press **▶▶** to select it.
3. Use the **+** and **-** buttons to display the desired option.

10KEY

During playback or when the player is stopped, this option specifies that the **◀◀** and **▶▶** buttons will cause the player to jump 10 tracks back or 10 tracks ahead of the current track.

SEARCH

During playback, this option specifies that the **◀◀** and **▶▶** buttons Rewind or Fast Forward. This is the factory default setting.

4. Once the option is displayed, press the **RPT/SEL** button to select it and return to the previous menu.

Beep

Beep provides feedback with an audible tone indicating a button was pressed. To change the **Beep** option press the **Menu** button.

[Menu]	3/4
1.Navigation	⊗
2.Display	⊗
3.System	⊗

[System]	4/6
4.Beep	⊗
5.Study	⊗
6.Resume	⊗

Level 1
Level 2
⑤ Level 3
Level 4
Level 5
OFF

1. Press the **-** button to highlight **3. System** and press **▶▶** to select it.
2. Press the **-** button to highlight **4. Beep** and press **▶▶** to select it.
3. Use the **+** and **-** buttons to display the desired option.

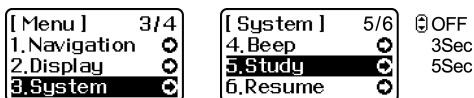
- Once the option is displayed, press the **RPT/SEL** button to select it and return to the previous menu.

Study

Study is an option you can enable to replay a track segment. This feature is different than the **INT** (introduction) *Repeat Option* where only the first 10 seconds is played. It is also different than the *A-B Replay Segment* feature.

Once Study is enabled, you can activate it at any time during track playback by pressing the ■ button.

To enable or change the **Study** option press the **Menu** button.



- Press the - button to highlight **3. System** and press ►► to select it.
- Press the - button to highlight **5. Study** and press ►► to select it.
- Use the + and - buttons to display the desired option.

OFF Disables the Study option.

3SEC Specifies that when you play a track and press the ■ Stop button, the player replays the previous three seconds.

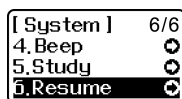
5SEC Specifies that when you play a track and press the ■ button, the player replays the previous five seconds.

4. Once the option is displayed, press the **RPT/SEL** button to select it and return to the previous menu.

Resume

When you power off your Silhouette, it remembers the last track you played. When the player is powered back on, the Resume option specifies where the player is to start playing. That is, to start from the beginning of the last track played from the same CD or within the track at the point where you powered off.

To set a **Resume** option press the **Menu** button.



Beginning
⏮ Last Point

1. Press the - button to highlight **3. System** and press ►► to select it.
2. Press the - button to highlight **6. Resume** and press ►► to select it.
3. Use the + and - buttons to display the desired option.
4. Once the option is displayed, press the **RPT/SEL** button to select it and return to the previous menu.

MY SOUND MENU

The **My Sound** menu can customize your audio experience when you play a track.

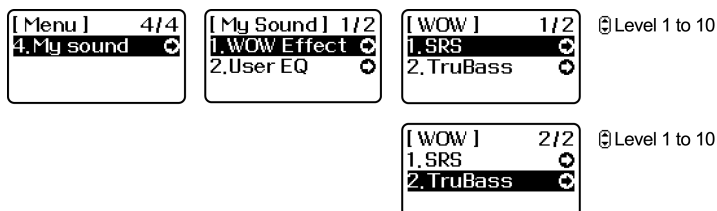
WOW specifies the levels of *WOW* Effect during track playback.

User EQ specifies your personal five band equalizer levels for bass and treble.

Note, at anytime during selection, you can press the **Menu** button to cancel menu mode. Or, you can press the ◀◀ button to return to the previous menu.

WOW

WOW Effect includes two components: SRS and TruBass. The default setting for both is Level 7. To change WOW settings press the **Menu** button.



1. Press the + button to highlight **4. My Sound** and press ►► to select it.
2. Press the ►► button to select **1. WOW**.
3. Press the ►► button to select **1. SRS**.
4. The SRS option enhances audio to provide a three-dimensional listening experience. Use the + and - buttons to display the desired level.
5. Once the level is displayed, press the **RPT/SEL** button to return to the previous menu.
6. Press the + button to highlight **2. TruBass** and press ►► to select it.
7. The TruBass option enhances performance of lower bass frequencies to produce a deep rich bass listening experience. Use the + and - buttons to display the desired level.
8. Once the level is displayed, press the **RPT/SEL** button return to the previous menu.

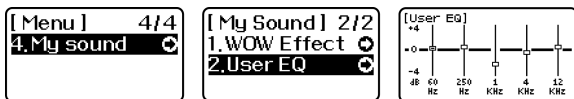
SRS

TRUBASS

User EQ

This option specifies your personal five band equalizer settings for bass and treble when you select it by pressing the **WOW/EQ** button during track playback.

To change the settings press the **Menu** button.



1. Press the **+** button to highlight **4. My Sound** and press **▶▶** to select it.
2. Press the **-** button to highlight **2. User EQ** and press **▶▶** to select it.
3. The first equalizer band (60Hz) is automatically selected.
4. Use the **+** and **-** buttons to change the level up or down.
5. Use the **▶▶** button to select the next equalizer band.
6. Repeat Step 4 and Step 5 to change the other bands.
7. Once complete, press the **RPT/SEL** button to return to the previous menu.

Chapter 4: Troubleshooting & Specifications

This chapter describes the safety precautions you should take when using your player, how to solve common issues you may experience, as well as warranty and service information.

SAFETY PRECAUTIONS



Store batteries separately when not using the player for an extended period of time. For more information see *Remove Batteries on page 12*.



Do not touch the CD reading lens inside the player with your bare finger. The fingerprint you will leave may cause malfunctions.



Do not drop your player or leave it under heavy objects.



Do not allow liquids to come into contact with your player. If this happens wipe the player with a dry cloth.



Do not leave the unit where it will be subjected to prolonged exposure to direct sunlight, extreme temperatures (such as inside a parked automobile) moisture, vibration, excessive dust, sand and avoid areas with strong magnetic fields.



Do not use thinner, alcohol or benzene when cleaning the player.



To avoid electrical shock, do not disassemble the case. If your Silhouette needs service, contact e.Digital at: www.edig.com/customer-support.



Do not use the earphones with the unit while driving, cycling or operating any motorized vehicle. This could create a traffic hazard and is illegal in many areas. It could also be dangerous to play music at a high volume while walking, especially at pedestrian crossings.



Prolonged use of earphones at high volume may cause hearing damage or ringing in your ears.

PLAYER ISSUES

PLAYER DOES NOT WORK

Check that the batteries still have power and that they are installed correctly. For instructions see *Battery Installation & Recharging on page 11*.

Check if the Hold switch is locked on the player or remote control. If this is the case, Hold appears on the LCD; see *Hold Icons on page 17*.

If you are using a power adaptor, insure the connector is correctly attached.

WHY DID MY SILHOUETTE TURN ITSELF OFF?

The Silhouette has an automatic shut-off feature to conserve battery power when you aren't using your player and powers off after thirty seconds.

BUTTONS DON'T WORK

Check if the Hold switch is locked on the player or remote control. If this is the case, Hold appears on the LCD. For more information, see *Hold Icons* on page 17.

BATTERIES DON'T RECHARGE

Check that the battery is installed according to the correct polarity. For instructions see *Battery Installation & Recharging* on page 11.

CD FILES ARE NOT RECOGNIZED

Non-music files and files without an .mp3, .wma or .cda extension in the name will be ignored by the player.

"NO DISK" DISPLAYED ON THE LCD

Check the CD and insert it again.

The CD may be scratched or damaged.

Check for any foreign particles on the CD or the lens inside the player. If available, use a soft, dry, lint-free cloth to gently wipe away particles.

MUSIC FILES ARE PLAYED IN THE WRONG ORDER

The order that tracks play depends on how they were burned onto the CD.

Playback order could be as a result of a repeat option you selected, for example, if **RND A** shows on the LCD, the repeat option is set to play tracks randomly. For more information, see *Repeat Option* on page 15.

SOUND PROBLEMS

NO SOUND

Check the volume level by using the **+** button.

Ensure that the earphone jack is plugged in all the way.

Insure the earphone jacks are properly connected to the player. If using the remote control, insure it is correctly connected to the player, see page 9.

If listening to an Audio CD, insure the ESP function is on.

**VOLUME
CONTROLS
DON'T WORK**

Make sure the earphone connector is plugged into the earphone jack. If you accidentally insert the earphones into the (green) line out jack, player volume changes will not be heard.

TECHNICAL SPECIFICATIONS

Your Silhouette conforms to the following specifications:

FORMATS

WMA, MP3 (MPEG 1, 2, 2.5, Layer 3) on CD and Audio CD

**SUPPORTED
TAGS**

ID3 V1, ID3 V2 2.0, ID3 V2 3.0

**SUPPORTED
MEDIA**

CD-DA, Enhanced CD (CD-extra), Mixed CD, 8cm and 12cm

**CD/RW
READABILITY**

Packet write, Multi-session, ISO9660, Joliet, Romeo, UDF

POWER SUPPLY

AC Adaptor DC4.5V 700mA. Two stick-type 1400 mAh, NiMH 1.2V rechargeable batteries for up to 10 hours of playing time. Optional battery pack: two AA alkaline batteries for up to an additional 12 hours of playing time.

LCD

Four-line, full graphic LCD with backlight, 128 x 64 pixels

DIMENSIONS

Height 5.6" x Width 5.3" Depth 0.7"
(134 x 143 x 18 mm)

WEIGHT

6.9 oz. (195g) without battery

THD

< 0.1% Total Harmonic Distortion

S/N

>90dB Signal to Noise Ratio

VBR

8~320Kbps Variable Bit Rate

**EARPHONE
OUTPUT POWER**

7mW (L) + 7mW (R)

OUTPUT
FREQUENCY
RANGE

20Hz~20KHz

LINE-OUT
OUTPUT LEVEL

700mV at maximum volume

OPERATIONAL
TEMPERATURE

32-104 degrees Fahrenheit (0-40 degrees Celsius)

LIMITED WARRANTY

Your Silhouette is covered by an e.Digital Corporation Limited Warranty. This product is warranted to be free from manufacturer defects for 12 months from the date of purchase. If the product fails or malfunctions due to a manufacturing defect during the warranty period, a factory remanufactured unit of the same make and model or its current equivalent will be provided free of charge. This offer is valid only in North America and United States Territories including APO and FPO addresses.



Warning: Changes or modifications to this product not expressly approved by e.Digital Corporation will void the warranty.

NOT COVERED

The following are not covered by this Limited Warranty:

- Damage from misuse, abuse, or neglect.
- Damage from use outside the product's usage parameters.
- Damage from modification or incorporation of other products.
- Damage from repair or replacement of warranted parts by parties other than an e.Digital authorized service provider.
- Damage to or loss of any programs or data.
- Damage resulting from an Act of God.

OBTAINING WARRANTY SERVICE

If you are having technical trouble with your product please contact us at:

www.edig.com/customer-support or
customersupport@edig.com.

All warranties are tracked through the original order number and/or serial number. Please have this information available when you contact us.

If you purchased this product at a retail store and must return or exchange it, consult your cash register receipt for the stores return policy.

To return a product to e.Digital for repair or replacement during the warranty period, you must obtain an RMA (Return Merchandise Authorization) number from e.Digital. The RMA number and the return shipping address will be provided to you by a Customer Support Representative. Please include your RMA number on the label at the time of shipping. No returns will be accepted without an RMA number.



For Customer Support, whether during or out of the warranty period, contact us at:

www.edig.com/customer-support or
customersupport@edig.com.

All returns require proper packaging, preferably in the original carton. Return shipping costs are the responsibility of the customer. We encourage you to insure the package for full retail value with the carrier when it is shipped, and to make sure adequate tracking is available. e.Digital cannot be held liable for product damages or losses incurred during transit.

ONLINE INFORMATION

This warranty expresses specific contractual rights; retail purchasers may have additional statutory rights, which vary from state to state.

For on-line documentation and product notes go to www.edig.com/product-support. This URL may also contain firmware updates for the Silhouette.

UPDATE FIRMWARE

The Silhouette is operational via firmware programmed into the player. From time to time firmware updates may be available and can be installed on your player.



To perform the upgrade, you need the following:

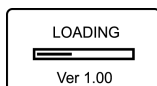
- Internet connection to download the firmware to your computer,
- a blank CD-R or -RW and
- a CD writer to copy the firmware to a CD which is then placed into the Silhouette.

Be sure to read all of the following instructions before proceeding with the update.



When performing the update, a constant power source is extremely important and power adaptor usage is required.

CHECK VERSION



DOWNLOAD FIRMWARE

1. When you turn on your player, you see an animated display while the player is loading music into memory. The LCD also shows the current firmware version number. Note this number.
2. Using your Internet browser, go to www.edig.com/product-support.
3. Click on the Silhouette link and navigate to the downloads section.
4. On the download page, locate the next version number.

5. Download the .upg file and save it to a folder on your computer.

CREATE CD

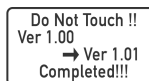
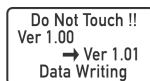
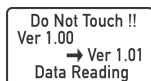
6. Burn or save the upgrade file onto a blank CD-R or CD-RW. Note, a CD-RW can be reused after you are finished with the update process; a CD-R cannot be reused.



For the upgrade, only include the .upg file on the disc; do not include any other files.

INSTALL

7. Place the CD you created into your Silhouette.
8. Connect the power adaptor to the Silhouette.
9. Turn on the player by pressing the ►II button and the update begins automatically.
10. Wait until the process is complete in about 15 to 20 seconds. During this time, the LCD shows messages like this:



During the process, do not push any buttons; do not attempt to power off the player; do not open the player lid.

After the last message, the Silhouette automatically powers itself off.

Verify that the firmware was upgraded successfully by turning the player on and viewing the new version number.

APPROVALS

FCC

This equipment has been tested and found to comply with the limitations for a Class B digital device, pursuant to Part 15 of the FCC rules and regulations. These limitations are designed to provide reasonable protection against harmful interference within a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio and/or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from the one to which the receiver is connected.
- Consult the dealer or an experienced radio and/or television technician for assistance.



Caution: user changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



Caution for models having a power cord with a polarized plug: to prevent electric shock, match wide blade of plug to wide slot and fully insert.

**LASER
WARNING**



The Silhouette employs a laser and Class 1 Laser Product. Only a qualified service person should remove the case or attempt to service the device due to possible eye injury.



Caution: Use of controls, adjustment or performance of procedure other than specified herein may result in hazardous radiation exposure.



Danger: Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.



Attention: Rayonnement laser dangereux si ouvert avec l'enclenchement de securite annulé. Eviter le contact direct avec le faisceau laser.

**Industry
Canada**

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations ICES-003.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada NMB-003.

CE

Products with the CE Marking comply with both the EMC Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms: EN55013, EN55022, EN61000-3-2, EN61000-3-3, EN50082-1, EN6100-4-2, EN61000-4-3, ENV50204, EN61000-4-4, EN61000-4-5, EN6100-4-6, EN6100-4-11 and EN60065 (IEC 65)

Index

A

- A mode 14
- A-B see Replay Segment 20
- AC Adaptor see Charging 11
- accessories 6
- Anti-Skip see ESP 31
- Approvals 47

B

- B Mode 14, 23
- Backlight menu 32
- Bar, playback 18
- Batteries
 - charging 11
 - install 11
 - Remove 12
- Battery
 - Extra Pack, Optional 12
 - Icon 17
- Beep menu 34
- Bookmark
 - Add 21
 - Directory 22
 - During Playback 21
 - Folder 22
 - in Navigation Menu 22
 - menu 28
 - Mode 23
 - Remove 21
 - Remove all 23
 - Track 22
- Buffer see ESP 31
- Button
 - Functions 19
 - overview 7
 - Presses 3
 - usage 19

C

- CE information 48
- Change LCD 18
- Charge batteries 11
- Classic 17
- contact customer support 44
- Control Panel 8
- controls, features overview 7
- conventions in document 2
- customer support, contact 44

D

- delete Bookmark see Remove
 - Bookmark 21, 23
- Directory menu 27
- Display Options menu 29
- Document Conventions 2
- Download Firmware 45
- duration on LCD 15

E

- e.Digital, contacting 44
- Equalizer
 - change view 19
 - Display 17
 - Options and icons 16
 - Presets 17
- ESP menu 31

F

- FCC information 47
- Features 7
- File / Tag menu 29
- File Formats
 - displayed on LCD 18
 - supported 42
- Firmware

Download	45
Update	45
Folder	19
Formats supported	42

H

Hold Icons & switch	17
---------------------------	----

I

ID3 Tag, display	29
Install batteries	11
INT	15

J

Jacks	7
Jazz	17
Jog Shuttle on	
optional LCD remote	10
standard LCD remote	9

L

LCD	
change appearance	18
description & overview	14
Line Out Port	7
Loading	13

M

mark segment see Replay	20
Menu functions and overview ..	25
Mode	14
My Sound menu	36

N

Navigation menu	27
Next track	18
No Sound	41
Normal	17

numbers on LCD	14
----------------------	----

O

on, off, player	13
Optional	
Extra Battery Pack	12
remote control with LCD	10
Overview of player	5

P

Play Music Tracks	19
Playback Bar	18
Player Overview	5
playlist see Bookmark	22
Ports	7
power on, off	13
Precautions for safety	39
Preset Equalizer Mode	17
Press	3
Press & hold	3

R

Remote Control	
optional with LCD	10
standard	9
Remove	
all Bookmarks	23
Batteries	12
Repeat Options	15
Replay Segment A-B	20
Resume menu	36
Rew/Fwd menu	33
RND A	15
RND D	15
Roadmap	2
Rock	17
RPT 1	15
RPT A	15
RPT D	15

S

Safety Precautions	39
Scroll menu	30
Setup Roadmap	2
Skip protection see ESP	31
Sort menu	28
Sound Problems	41
Specifications	42
SRS	
select EQ	16
set levels	37
Study menu	35
System menu	31

T

Tag, ID3	29
TB, select EQ	16
Technical Specifications	42
Time	
displayed on LCD	15
menu	30
Track	
Info	18
number on LCD	14
play	19
Time	15
Troubleshooting	39
TruBass	
select EQ	16
set levels	37
turn player on, off	13

U

Update Firmware	45
User EQ	17
menu	38

V

Volume Controls	8
-----------------------	---

W

Warranty	43
WOW	
Equalizer Mode	16
menu	37
Wrong Order	41

